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**ORANGE COUNTY AMATEUR RADIO CLUB**

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**P.O. BOX 95, ORANGE, CALIF. 92668**

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**\*\*\*\*\* OCTOBER 1983 PROGRAM \*\*\*\*\***

John Browning, W6SP, (known around the bands as W6 Space Philosopher) who is Chairman of the AMSAT Board of Directors will philosophize (horrible pun) on the Amateur Satellite program, past, present, and future. If you are disgusted with the QRM on the low bands come and learn about a "new" method of communication. This is something that will prove to be "very interesting" and informative. Also, it's about time we all "get on the ball" and keep abreast of the "state of the art".....

**\*\*\*\*\* NOVEMBER PROGRAM \*\*\*\*\***

**\*\*\*\*\* ELECTION OF OFFICERS FOR 1984. \*\*\*\*\***

" The History of the O.C.A.R.C." by Bob Evans, WB6IXN, our Club Historian, who has been working diligently for some time compiling the history of the club since it's inception in 1933. Bob has a wealth of information, but he still wants and needs more to make the history as complete and accurate as possible. There are years he doesn't have all the needed information, so dig up a bunch of old timer's (figureatively speaking) and bring them along to the meeting. Maybe this all new slide presentation will jog some memories and will help Bob out.....

December Program Notes: Mert Moser will give a talk on the operation of VR6TC, Tom Christian, on Pitcarin Island also start thinking about how much food is going to be consumed at our annual Christmas Banquet.....

# 1983 BOARD

|                      |        |                  |          |
|----------------------|--------|------------------|----------|
| President.....       | W6IBR  | Al Watts         | 531-6245 |
| Vice President.....  | KA6IIJ | Al Toering       | 730-1549 |
| Secretary.....       | W6HHC  | Ken Konechy      | 541-6249 |
| Treasurer.....       | W6MIL  | 'Mac' Mac Innis  | 639-7384 |
| Activities.....      | WA6VKZ | Frank Smith      | 838-3271 |
| Public Relations.... | KA6GJI | Oscar Alonzo     | 531-4245 |
| Membership.....      | WB6LAR | Keith Southworth | 898-7175 |
| TVI.....             | K6LJA  | Ted Glick        | 542-1390 |
| Member at Large..... | KA6HNY | Robin Hoff       | 731-4803 |
| Member at Large..... | KD6XO  | Bob Tesel        | 531-0926 |
| Club Historian.....  | WB6IXN | Bob Evans        | 543-9111 |
| W6ZE Trustee.....    | AF6C   | Bob Eckweiler    | 639-5074 |
| VIP Liaison.....     | WA6RNA | Leonard Victor   | 892-1820 |

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## MEETINGS

THIRD FRIDAY OF EACH MONTH, 7:30 PM

MERCURY SAVINGS and LOAN BUILDING

1095 IRVINE BLVD.

TUSTIN, CA.

(100 yards east of Newport Blvd intersection)

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## CLUB NETS

| <u>DAY</u> | <u>TIME</u> | <u>BAND</u> | <u>MODE</u> | <u>FREQ</u> |
|------------|-------------|-------------|-------------|-------------|
| TUESDAY    | 7:00 PM     | 10M         | SSB         | 28.775      |
| WEDNESDAY  | 8:00 PM     | 15M         | SSB         | 21.375      |
| WEDNESDAY  | 9:00 PM     | 2M          | FM          | 146.550     |

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## CLUB BREAKFAST

Date: First Saturday of each Month

Time: 8:00 AM

Location: COOKBOOK RESTURANT

(just east of 17th St. and 55-FWY)

17329 17TH Street

Tustin, Ca.

# ORANGE COUNTY AMATEUR RADIO CLUB

MEMBERSHIP AS OF OCT.30, 1983

|                  |        |                     |
|------------------|--------|---------------------|
| ANDERSON, JOHN   | WB6DFA | Santa Ana, CA 92784 |
| ALVEY, VIC       | N6AHB  | Hemet, CA 92343     |
| ALONZO, OSCAR    | KA6GJI | Fullerton, CA 92631 |
| ALEXANDER, RALPH | W6RE   | Tustin, CA 92680    |

|                   |         |                        |
|-------------------|---------|------------------------|
| BOURNE, KEN       | W6HK    | Orange, CA 92667       |
| BOURNE, CAROL     | N6YL    | Orange, CA 92667       |
| BOURNE, BOB       | KA 6DVV | Orange, CA 92667       |
| BOURNE, BONNA     | KA6DSO  | Orange, CA 92667       |
| BERRY, WYATT      | WA6EPX  | Garden Grove, CA 92643 |
| BRELLER, ALLAN C. | KA6IMP  | MCAS, El Toro, CA      |

|                  |        |                       |
|------------------|--------|-----------------------|
| CHAMPION, LELAND | N6ETK  | Midway City, CA 92655 |
| CUTSHALL, WAYNE  | K6RQD  | Anaheim, CA 92805     |
| CADUFF, MONTY    | WD6AUS | Huntington Beach, CA  |

|                  |        |                     |
|------------------|--------|---------------------|
| ECKWEILER, BOB   | AF6C   | Orange, CA 92669    |
| EVANS, ROBERT J. | WB6LXN | Santa Ana, CA 92701 |

|            |       |                     |
|------------|-------|---------------------|
| GLICK, TED | K6LJA | Santa Ana, CA 92706 |
|------------|-------|---------------------|

|                    |                |                                     |
|--------------------|----------------|-------------------------------------|
| HALL, KATHY        | WA6KFI         | 1369 Harper, Westminster, CA 92683  |
| HALL, JAY          | WA6MCK         | 1369 Harper, Westminster, Ca 92683  |
| HARWOOD, LLOYD     | WB6ULL         | 459 N Handy, Orange, CA 92667       |
| HOFF, ROBIN        | KA6HNY         | 17551 Leafwood Ln, Tustin, CA 92680 |
| HEYK, FRIED, SANDY | WA6WZO, WA6WZN | 962 Cheyenne, Costa Mesa, CA 92626  |

|              |       |                     |
|--------------|-------|---------------------|
| KONECHY, KEN | W6HHC | Santa Ana, CA 92701 |
| KARWAN, M.S. | N6AAN | Santa Ana, CA 92701 |

|                      |        |                        |
|----------------------|--------|------------------------|
| MATHERS, TERRY       | WB6IHZ | Garden Grove, CA 92643 |
| MATHERS, DIXIE       | KA6DIO | Garden Grove, CA 92643 |
| MACINNIS, STEWART L. | W6MIL  | Orange, CA 92667       |
| MACINNIS, BURNIE     | W6CHJ  | Orange, CA 92667       |
| MONTGOMERY, WILLIAM  | WA6ZSS | Laguna Bch., CA 92680  |
| MYATT, BILL          | WB6YHK | Tustin, CA 92680       |
| MALLER, ROBERTS      | WB6AJV | Irvine, CA 92714       |

|                 |      |                          |
|-----------------|------|--------------------------|
| OVERBECK, WAYNE | N6NB | Woodland Hills, CA 91367 |
|-----------------|------|--------------------------|

|                  |        |                        |
|------------------|--------|------------------------|
| PRITCHARD, ERNIE | WA6FOW | Garden Grove, CA 92644 |
|------------------|--------|------------------------|

|              |        |                       |
|--------------|--------|-----------------------|
| QUINN, CHUCK | KA3ASD | Westminster, CA 92683 |
|--------------|--------|-----------------------|

|                   |        |                       |
|-------------------|--------|-----------------------|
| SHADER, FRED      | AG60   | Orange, CA 92667      |
| SHADER, JUDY      | WA6HBL | Orange, CA 92667      |
| SIRCIS, LUCIEN    | WA6BCY | Santa Ana, CA 92707   |
| SMITH, FRANK      | WA6VKZ | Tustin, CA 92680      |
| SMITH, SUZZIE     | KA6QVU | Tustin, CA 92680      |
| SOUTHWORTH, KEITH | WB6LAR | Westminster, CA 92683 |
| SWANACN, RALPH    | WB6JBI | Anaheim, CA 92806     |

|                 |        |                       |
|-----------------|--------|-----------------------|
| TALCOTT, JIM    |        | Santa Ana, Ca. 92705  |
| TOERING, AL     | KA6IJJ | Tustin, CA            |
| TWIST, GERALD   |        | Tustin, CA 92680      |
| TEGEL, BOB      | KD6XO  | Westminster, Ca 92683 |
| VICTOR, LEONARD | WA6RNA | Westminster, CA 92683 |
| WATTS, ALBERT   | W6IBR  | Westminster, Ca 92683 |
| WATTS, DOROTHY  | W6IBP  | Westminster, CA 92683 |
| WINTERS, CHRIS  | K6KFW  | Santa Ana, CA         |
| YAMACHIKA, KEI  | W6NGO  | Orange, CA 92669      |

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## THE GERMAN HAMSTORY

by Gerhard Jacoby, DL3ME

German amateur radio began about 1924, delayed by policies of the German Ministry for Postal Services. First licenses were issued to universities and scientific institutes. In — individuals were issued licenses EK---and, in 1927 the D4--- calls with two letter suffixes came from the German Radio Club - then DASD - formally based on the so-called "Audio Versuchs-Erlaubnis" an experimenters license which, however, was not exactly a license for amateur traffic. Since 1933 individual licenses with a D4 plus three letter suffix were granted. Membership in the DASD was compulsory except for members of the Reichswehr, the Armed Forces. In 1939 all licenses were made invalide, however, some war licenses were issued.

In 1945 all licenses became invalid again by order of the occupational forces. Possession and/or use of reception & transmission gear stood under penalty of death. Hamming was not easily suppressed. Since 1947 DA stations appeared on the air, a clandestine callsign with DA1-9 and a two letter suffix. Issuance by some unknown source worked well and was more or less sanctioned by the Western Allies and German authorities. Ham radio clubs were formed in the new countries of West Germany which came together in Bad Homburg in 1950, to unite in the still existing "Deutscher Amateur Radio Club: (DARC). All DA stations went off the air awaiting new regulations.

Under the March 14, 1949 law, licensing began. First licenses issued were DL1, 3, 6 and 9; then DJ1-8, DK1-8 followed by a two-letter suffix. DL2, 4 & 5 were assigned to French, US & UK forces in Germany, DL7 was issued in West Berlin and DL8 to the Saar Territory which, under French administration, issued the callsign 9S4. DL8 was reserved for club stations. Class A was the beginners license with 50 watts input; Class B covered most of the possible activities with input power of 150 watts. RTTY & SSB and 160 meters needed special licenses.

With the growing use of two meters FM and possibility of getting cheap taxi gear easily converted to two meters, pressure became strong for a code-less license for operation above 144 MHz. Thus, Class C licenses came into being. After passing a technical exam, DC1-8 calls were issued with two letter suffixes. There was only nominal opposition to a code-less license. Two meter and 70 cm repeaters supplied all of West Germany with a new means of communication. Repeater jamming and unlawful interference was and is still a common thing in certain areas, mostly on two meters, but it happens on 80 meters too.

In 1980-1982, the rules were again changed. The following prefixes were reserved as listed:

- DA1 & 4 with 2-letter suffixes to foreign armed forces.
- DB1-9 Code-less Class C license above 144 MHz, 150 W.
- DB8 Repeater, identification in code
- DC1-9 Class C (DC8FA-JZ foreign not in armed forces "C")
- DD1-8 Class C (DD5 AA-DD 5 ZZ to foreign licensees)
- DF1-9 Class B, DF8 Club stations, Class B, 750 W output 10, 18 and 24 MHz, 75 W, CW only.
- DG1-8 Class C
- DH1-8 Class A, 150 W, 3.52-3.70; 21.09-21.15; 28.00-29.70; 144-146 and 430-440 MHz.
- DJ1-9 Class B, (DJ8 to aliens)
- DK1-9 Class B, DK8 club stations & special events
- DL1-9 Class B, DL8 club stations & special events
- DP8 + 2/3 letter suffix. Special in Antarctic

All other newly licensed operators receive a three-letter suffix. Of the 50,350 licenses issued (Jan 1, 1983), 48202 are individual licenses of which more than 85% are members or the DARC. Membership is not compulsory.

In the other part of Germany (DDR) hams are forced to be a member in a paramilitary organization called "Gesellschaft für Sport und Technik". There are a lot of restrictions and regulations sometimes known only to members.

- DL3ME -

## THE NO-CODE LICENSE

THOUGHTS OF AN OLDTIMER ABOUT AN UNPOPULAR ISSUE

The following material has been prepared by QCWA DIRECTOR, Gerhard Jacoby, DL3ME, who has been an amateur radioman in Europe for many years. He writes of his observations and experiences in connection with no-code licenses which have been a way of life in Europe for many years.

- Ed -

If you have read my article about "German Ham Story" you will find that some 40,000 individual licenses have been issued in West German, of which about 40% are "C" licenses (no code). Our experience shows that there is a steady flow from this "C" licensed group to the higher grades of license. Statistically, 90% of our hams begin in the "C" license class and in a few years (typically 2 or 3) pass the code examination and become fully licensed hams. As far as I know, the situation is alike in all European countries which issue no-code licenses.

When the Class "C" licensing started in Germany there was opposition from many oldtimers...in general these were hams opposed to any change of existing rules and especially opposed to too much growth of the ham population altogether! As it has worked out, the newcomers with a no-code license (above 144 MHz) proved to become a very valuable part of the ham fraternity in Europe and the few who came from the "CB" side very fast learned how to behave. In many cases the guidance came not from the old-timers, but from other no-code licensees. Today "C" licensees are good members of the German Radio Club (DARC), eligible to all club offices and a steady flowing stream is enlarging the fast growing group of Class A and B (code) hams. I have spoken to many of the class C people and have heard their conversations on the repeaters. Nine out of ten were preparing to pass the code exam and most of the succeed sooner or later.

The reason for this development which should be valid also for the U.S. is that you get sooner or later bored in just communicating via a repeater or with simplex just around the corner. The occasions when one can work DX with SSB on 2 meters are rare, even though you can work several countries in Europe. The longing for the "real thing", to work DX and talk to friends all over the world becomes a very strong thing and finally you decide to pass the code exam, whatever homework may be necessary and regardless of how much time you must spend to enter that new region of ham activity.

While in the US, I have learned that a "no-code" license may become a reality. From my experience in Europe, I would recommend that it might be worthwhile not to oppose such a move, but to try to guide it into right channels:

- Point 1. No-code licensees should be issued special call signs which will identify them to all.
- Point 2. Limit no-code licensees operating power to a low value, giving them an added incentive to obtain higher grades of license.
- Point 3. Limit activities of "no code" licenses to certain bands
- Point 4. Permit them to operate and use repeaters in the bands authorized for no-code licensees

I have heard that another good reason for no-code hams might be to have them populate the rarely used 220 MHz band, preserving it for amateur use....we don't have it in Europe.

The opinions herein are my own - based on experience in my Country with no-code licenses. It has worked out to the benefit of Amateur Radio. I feel that letting you know of this is worthwhile.

- Gerd, DL3ME -

Our sincere thanks to Q.C.W.A. for the re-print of the above article. And our special tnx. to DL3ME for his thoughts on a very touchy subject.....

THE PREZ SEZ\*\*\*\*\*

It's kind of hard to realize that Christmas is "just around the corner" sitting here with the patio door open and the sun shining brightly, but it's not that far away. Think it's about time we all start making plans and looking forward to a time of fellowship and great fun at our annual Christmas Banquet..... Also next month is the election of officers who will be at the helm of our club for 1984. I know we have many members waiting in the wings who could do a "bang up" job if given the opportunity..... If you're asked to run for office by the Nominating Committee don't be scared and say no right off the bat. If you're elected I know for a fact you'll have the help and backing of so many of the members you'll actually find it's really a lot of fun along with the work.

#### September Meeting (Auction Night)

As much as I hate to report the auction for some reason was kind of a "bust". With as much publicity as it had we should have had a S.R.O. crowd, but for some unknown reason we didn't. Anyway, even with the small turn out we did make a few bucks 'cause Mac, W6MIL, (the keeper of the funds) walked out of the auction with a smile on his face. Hopefully next year we'll have a much bigger turn out so even tho it's 11 months away start making plans and "talking it up".....

WANTED \*\*\* WANTED \*\*\* WANTED\*\*\*

Ye Editor needs articles for the RF. Surely someone "out there" has some bit of information that would be of interest to the club members. It need not be about "ham radio", but, human interest, etc. Perhaps you have a "Hint or Kink" about your gear or operating that makes it a lot easier. Any and all submissions will be more than welcome. Contact Chris KA6IMP with any and all ideas you have that you think would make the news letter more interesting



MINUTES OF THE O.C.A.R.C. BOARD MEETING

October 2, 1983

Meeting held at the QTH of W6IBR, opened at 3:20 P.M.

Officers in attendance: Al, W6IB R, Al, KA6IIJ, Keith, WB6LAR, and Ken, W6HHC

- Item: Al, W6IBR, reported the success of the Southwestern Division Convention that was held over Labor Day weekend. In all 2,090 people registered for the convention including 490 who attended the banquet. So far the O.C.A.R.C. has received it's \$200.00 seed money back from the convention. Profits from the convention should be divided among the participating clubs by December.
- Item: Al, W6IBR, announced the need to form a Nominating Committee at the October meeting so a slate of potential officers can be printed in the November issue of the RF for voting at the November meeting.
- Item: The Board of Directors are currently reviewing candidates for the "good of the club" award for 1983.
- Item: Al, KA6IIJ, reported that the speaker for October would be John Browning, Col. Ret., W6SP, Chairman of AMSAT.
- Item: Al, KA6IIJ, also reported the Speaker for November would be Bob Evans, WB6IXN, the topic is OCARC Presidents, past and present along with a little club history.
- Item: The board is still looking for a nice restaurant site for the Xmas Party. If any member has a suggestion contact Al, KA6IIJ at 714-730-1549. Being there was no further business the meeting was ajourned.

FIRST CLASS

ROBERT EYRINS

ORANGE, CA. 92668

PO BOX 95

ORANGE CO. AMATEUR RADIO CLUB

